

**AMENDMENT B**

**CLAIMS AMENDMENTS**

**In The Claims**

Please enter rewritten claims 11-13 and 19. A list follows of all claims presented in application serial number 10/773,550.

- 1) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system comprising:
  - A) at least one multiple wire coil set solenoid;
  - B) a magnetic object, at least a portion of which reciprocally moves within the multiple wire coil set solenoid;
  - D) an energizing control system connected to multiple wire coil sets of the solenoid that controls the time duration for energizing each wire coil set;
  - E) wherein the multiple wire coil set solenoid has an opened ended tube through which the magnetic object may be unilaterally and completely propelled out of tube when at least one wire coil set is de-energized.
- 2) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1 wherein the time duration for the energizing each wire coil set of the multiple wire coil set solenoid is adjustable.
- 3) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1 wherein the time duration for energizing a wire coil is different for each wire coil set of a multiple wire coil set solenoid.
- 4) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1 wherein the energizing control system further comprises of an electronic timer to coordinate the energizing of the wire coil sets.

- 5) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1, wherein the energizing control system skip energizes selected wire coil sets at selected times.
- 6) (CANCELLED)
- 7) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1, wherein the wire coil set closest to the open end of the tube is the last to be de-energized.
- 8) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1 wherein the one multiple wire coil set solenoid contains a centering magnet.
- 9) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system of claim 1 wherein the energizing control system further comprises of an sine/square wave generator that energizes the wire coil sets.

- 10) (PREVIOUSLY PRESENTED) A solenoid-based propulsion system comprising:
  - A) at least one tube with an exterior and an interior;
  - B) multiple wire coil sets wrapped around the exterior of the tube;
  - C) a magnetic object which reciprocally moves within at least a portion of the interior of the tube; and
  - D) an energy control system connects to wire coil sets of the multiple wire coil set solenoid that skip energizes select wire coil sets at selected times.
- 11) (CURRENTLY AMENDED) A solenoid-based propulsion system of claim 10, wherein the energy control system controls the time duration for wire coil sets.
- 12) (CURRENTLY AMENDED) A solenoid-based propulsion system of claim 10, wherein the energy control system further comprises of a sine/square audio signal generator that energizes the wire coil sets.
- 13) (CURRENTLY AMENDED) A solenoid-based propulsion system of claim 10, wherein water and air tight compartments contain the energizing control system and wire coil sets while the interior of the tube and the magnetic object connected to a conversion mechanism are vented to the outside atmosphere.

- 14) (PREVIOUSLY PRESENTED) A methodology for operating a solenoid-based propulsion system comprising:
  - A) placing a magnetic object inside an open ended tube that has at least one multiple wire coil solenoid wrapped around its exterior;
  - B) centering the magnetic object within the midpoint of its reciprocal movement
  - C) alternatively energizing the wire coil sets of the multiple wire coil solenoid;
  - D) reciprocally moving the magnetic object in a within at least portion of the tube, and
  - E) stopping the reciprocal movement of the magnetic object to propel the magnetic object irreversibly and completely out of the open ended tube.
- 15) (CANCELLED)
- 16) (PREVIOUSLY PRESENTED) A methodology for solenoid-based propulsion of claim 14 activating of a trigger switch to unilaterally propel the magnetic object totally out through the open end of the tube.
- 17) (PREVIOUSLY PRESENTED) A methodology for solenoid-based propulsion of claim 14 further comprising activating a sine/square wave audio generator.
- 18) (PREVIOUSLY PRESENTED) A methodology for solenoid-based propulsion of claim 14 further comprising adjusting the propulsion magnet.
- 19) (CURRENTLY AMENDED) A methodology for solenoid-based propulsion of claim [[15]] 14 further comprising adjusting the time duration for the energizing of the wire coil sets.
- 20) (CANCELLED).